ABSTRACT

A method and system for architectural space programming for a facility is disclosed. In the method and system, the facility includes a plurality of departments. The method and system comprises entering project data related to the facility and to the departments, and then calculating an architectural space programming plan based on the project data.

Through the aspects of the present invention, the user need only enter data related to the project. While advantageous, the user is not required to have specific knowledge of building design, standards or codes. The method and system according to the present invention automatically processes the project data and performs complex mathematical calculations needed to derive an architectural space program. Because the process is interactive, the user can change the project parameters and evaluate alternate schemes easily and quickly. Thus, an automated tool that dramatically decreases the amount of time to calculate a building's geometry and cost is provided.